



Defense Advanced Research Projects Agency (DARPA)



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DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



Federal SBIR Program



11 Federal Agencies

Multiple Solicitation Closing Dates



OVER \$2 Billion





Federal SBIR Program



SBIR Phase I statistics 😊

69% of Phase I winners went to
companies with 20 people or less

41% of Phase I winners went to
companies with 10 people or less



Department of Defense SBIR Program

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



DoD SBIR/STTR Program



**2006: SBIR - OVER \$1.1 BILLION
STTR - \$131 MILLION**

10 Component SBIR Programs within DoD

AIR FORCE

DARPA

ARMY

OSD/DDR&E

NAVY

DTRA

MDA

SOCOM

NGA (was NIMA)

Joint Service – Chemical Biological Defense



DoD FY 2006.3 SBIR Solicitation



ON THE WEB

OPENS

CLOSES

2006.3

Aug 1, 2006

Sep 13, 2006

Oct 13, 2006

APPROXIMATELY 160 TOPICS

Air Force 11

MDA 64

Navy 29

OSD 60

<http://www.acq.osd.mil/sadbu/sbir>



Preparing a Winning SBIR Proposal



Make Sure Your Proposal is Received on Time

6 a.m. EST OCTOBER 13, 2006

**ALL PROPOSALS MUST BE SUBMITTED
ELECTRONICALLY**



DoD FY 2007 SBIR/STTR Solicitations



ON THE WEB

OPENS

CLOSES

2007.1 SBIR	11/06/06	12/06/06	01/10/07
2007 STTR	01/22/07	02/20/07	03/21/07
2007.2 SBIR	04/12/07	05/14/07	06/13/07
2007.3 SBIR	07/19/07	08/20/07	09/19/07

<http://www.acq.osd.mil/sadbu/sbir>



SMALL BUSINESS TECHNOLOGY TRANSFER (STTR) PROGRAM

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



STTR Program

Six federal agencies participate:
DoD, NIH, NASA, DOE, NSF
Dept Homeland Security

FY2006 funding - OVER \$200M
Must have written agreement allocating
intellectual property rights



DoD FY 2007 STTR Solicitation



Solicitation Dates

On the Web

Opens

Closes

Jan 22, 2007

Feb 20, 2007

Mar 21, 2007

6:00 AM



DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



DARPA's Mission



Radical Innovation for National Security



DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



DARPA's Mission



High-Risk, High-Payoff Technologies



DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



DARPA's Mission



Prevent Technological Surprise

Create Technological Surprise



***Enable Operational
Dominance***

DARPA Accomplishments



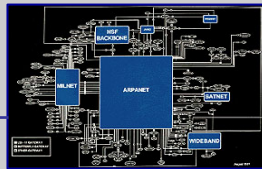
Saturn

1960



M-16 Rifle

1970



Arpanet



Stealth Fighter

1980



GPS

JSTARS



Mobile Robots

2000



Future Combat System



Global Hawk



Uncooled IR

1990



Predator



DARPA Organization

Director, Tony Tether
Deputy Director, Bob Leheny

Tactical Technology

Steve Welby
Gary Graham/Steve Walker

Air/Space/Land Platforms
Unmanned Systems
Space Operations
Laser Systems
Precision Strike
Planning/Logistics

Information Exploitation

Bob Tenney

Sensors
Exploitation Systems
Command & Control

Strategic Technology

Dave Honey
Larry Stotts/Brian Pierce

Space Sensors/Structures
Strategic & Tactical Networks
Information Operations
Underground Facility Detection
& Characterization
Chem/Bio Defense
Maritime Operations

Defense Sciences

Steve Wax
Brett Giroir

Bio Warfare Defense
Technologies
Biology
Materials & Devices
Mathematics

Information Processing Technology

Charlie Holland
Barbara Yoon

Cognitive Systems
Computational – Perception
Representation & Reasoning
Learning
Natural Communication

Microsystems Technology

John Zolper
Dean Collins

Electronics
Optoelectronics
MEMS
Combined Microsystems



The OTHER 97.2% of the Money



- *DoD Broad Agency Announcements (BAAs)*

Contracts and Grants

- *Technical Dialogues, Short White Paper, Formal Proposal*

- *Small Business Preferences*

- *FedBizOpps* <http://www.fedbizopps.gov/>

- *DARPA BAAs* www.darpa.mil “Solicitations”